

02/08/02



3-759 U.S. PTO

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. I-2-176.3US

First Inventor Kim et al.

Title SIMPLE BLOCK SPACE TIME TRANSMIT DIVERSITY
USING MULTIPLE SPREADING CODES

Express Mail Label No. EL930547885US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **15**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

- 4.
- ☒
- Drawing(s) (35 U.S.C. 113) [Total Sheets
- 4**
-]

5. Oath or Declaration [Total Pages
- 3**
-]

- a. ☐ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- b. ☒ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
- i. ☐

- 6.
- ☒
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)of prior application No **09 / 999,287**

Prior application information

Examiner **Not Yet Known**Group Art Unit. **Not Yet Known**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label**24374**

(insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

VOLPE AND KOENIG, P.C. DEPT ICC

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Darryl W. Shorter

Registration No. (Attorney/Agent)

47,942

Signature

Date

February 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 992.00**Complete if Known**

| | |
|----------------------|---------------|
| Application Number | Not Yet Known |
| Filing Date | Not Yet Known |
| First Named Inventor | Kim et al. |
| Examiner Name | Not Yet Known |
| Group Art Unit | Not Yet Known |
| Attorney Docket No. | I-2-176.3US |

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **09-0435**

Deposit Account Name **InterDigital Comm. Corp.**

- ☒ Charge any Deficiencies or Credit any Overpayment in the Total Fees Associated With This Communication
- ☐ Applicant claims small entity status See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------|----------|----------|------------------------|---------------------|
| 101 | 201 | 740 | 370 | Utility filing fee | 740 |
| 106 | 206 | 330 | 165 | Design filing fee | |
| 107 | 207 | 510 | 255 | Plant filing fee | |
| 108 | 208 | 740 | 370 | Reissue filing fee | |
| 114 | 214 | 160 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) 740.00 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 18 | - 20** = 0 | X 18 = 0 | |
| 6 | - 3** = 3 | X 84 = 252 | |
| Multiple Dependent | | 0 = 0 | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES:**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------|----------|----------|--|-------------------|
| 105 | 205 | 130 | 65 | Surcharge - late filing fee or oath | |
| 127 | 227 | 50 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 139 | 130 | 130 | Non-English specification | |
| 147 | 147 | 2,520 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 112 | 920* | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 113 | 1,840* | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 215 | 110 | 55 | Extension for reply within first month | |
| 116 | 216 | 400 | 200 | Extension for reply within second month | |
| 117 | 217 | 920 | 460 | Extension for reply within third month | |
| 118 | 218 | 1,440 | 720 | Extension for reply within fourth month | |
| 128 | 228 | 1,960 | 980 | Extension for reply within fifth month | |
| 119 | 219 | 320 | 160 | Notice of Appeal | |
| 120 | 220 | 320 | 160 | Filing a brief in support of an appeal | |
| 121 | 221 | 280 | 140 | Request for oral hearing | |
| 138 | 138 | 1,510 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 240 | 110 | 55 | Petition to revive - unavoidable | |
| 141 | 241 | 1,280 | 640 | Petition to revive - unintentional | |
| 142 | 242 | 1,280 | 640 | Utility issue fee (or reissue) | |
| 143 | 243 | 460 | 230 | Design issue fee | |
| 144 | 244 | 620 | 310 | Plant issue fee | |
| 122 | 122 | 130 | 130 | Petitions to the Commissioner | |
| 123 | 123 | 50 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 126 | 180 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 581 | 40 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 246 | 740 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 249 | 740 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 279 | 740 | 370 | Request for Continued Examination (RCE) | |
| 169 | 169 | 900 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |
| SUBTOTAL (3) | | | | | (\$) 0.00 |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

| | | | | | |
|-------------------|---|-----------------------------------|------------------|-----------|--------------|
| Name (Print/Type) | Darryl W. Shorter | Registration No. (Attorney/Agent) | 47,942 | Telephone | 215-568-6400 |
| Signature |  | Date | February 8, 2002 | | |

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